



January 15, 1959

Proposal No. 4077

Dear Jim:

During the past three months we have received the following UR's on the trackers concerning the tracker clocks:

1. 4080 58-1308
2. 4080 58-1371
3. 4080 58-1372
4. 4080 58-1287

These problems have been experienced by field personnel for some time and can be grouped as follows:

1. Poor focus
2. Poor electrical contacts
3. Poor time

We believe these are serious problems and recommend that an improved time indicator assembly should be furnished which would include the following refinements:

1. Only the clock assembly should be removed with a holder and positively located with respect to the format. This will permit a positive, undisturbed positioning of the lens cell.
2. All leaf contacts should be replaced to eliminate sensitivity to vibration.
3. Quick disconnects should be used to facilitate installation.
4. An access cover should be provided for viewing the clock during bench tests.
5. The clocks should be sealed against moisture.

The attached Drawing No. 111-5565 is our proposed design to replace the units currently employed. It embodies all the desired refinements and should eliminate the previously described problems.

The package would entirely replace the present unit and would have as its base a new vertical indicator cover casting. This will provide the opportunity to increase the rigidity of that area and to reposition the vertical indicator slit to avoid accidental film scratching. The new assembly will be available in kit form as a field modification requiring a maximum of one-half hour for installation. Appropriate service bulletins and manual revisions will be provided.

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We have assigned Kit No. 501-0111 to this suggested modification. These could be supplied to you in a quantity of thirty (30) kits at a unit price of \$495.00. Delivery of the first kit could be made three (3) months from receipt of your production list and maintained at a rate of six (6) per month thereafter.

The above price and delivery is predicated on the understanding that you will furnish us at no charge the new moisture sealed clocks which we understand are available from Hycon.



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Enclosures

cc:

